

IN THE CLAIMS

1. – 12. (canceled)

13. (previously presented) A mobile station corresponding to DS-CDMA performing a first correlation determination between a received signal and a common spreading code with regard to a plurality of base stations by shifting a relative timing between the received signal and the common spreading code, and performing a second correlation determination between the received signal and a plurality of kinds of spreading codes that are respectively different from the common spreading code based on a timing obtained by the first correlation determination, said mobile station comprising:

a storage unit storing the received signal over a time long enough to perform both the first correlation determination and the second correlation determination; and

a control unit using same received signal having been stored in the storage unit for performing the first and second correlation determinations.

14. (previously presented) A mobile station corresponding to DS-CDMA performing a first correlation determination between a received signal and common spreading codes that are the same for a plurality of base stations by shifting a relative timing between the received signal and the common spreading codes, and performing a second correlation determination between the received signal and N different spreading codes that are respectively different from the common spreading codes based on a timing obtained by the first correlation determination for determining which of the N ($N > 2$) spreading codes is attributable to the base station that has transmitted the received signal of which the timing has been determined by the first correlation determination, said mobile station comprising:

a storage unit storing the received signal over a time long enough to perform both the first correlation determination and the second correlation determination; and

a control unit using same received signal having been stored in the storage unit for performing the first and second correlation determinations.

15. – 16. (canceled)

17. (previously presented) A correlation determination method for a DS-CDMA mobile station performing a first correlation determination between a received signal and a common spreading code with regard to a plurality of base stations by shifting a relative timing between the received signal and the common spreading code, and performing a second correlation determination between the received signal and a plurality of kinds of spreading codes that are respectively different from the common spreading code based on a timing obtained by the first correlation determination, said correlation determination method comprising:

storing the received signal over a time long enough to perform both the first correlation determination and the second correlation determination; and

using same stored received signal for performing the first and second correlation determinations.

18. (previously presented) A mobile station corresponding to DS-CDMA performing a first correlation determination between a received signal and a common spreading code with regard to a plurality of base stations by shifting a relative timing between the received signal and the common spreading code, and performing a second correlation determination

between the received signal and a plurality of kinds of spreading codes that are respectively different from the common spreading code based on a timing obtained by the first correlation determination, said mobile station comprising:

a storage unit storing at least a portion of the received signal over a time long enough to perform both the first correlation determination and the second correlation determination; and

a control unit using same portion of the received signal having been stored in the storage unit for performing the first and second correlation determinations.